

Kontron Transportation

Company Presentation 2026



Who We Are

Kontron Transportation is a leading global supplier of end-to-end communication solutions for mission-critical networks.

Our core customers are railways across Europe and beyond. We specialize in systems that produce, transport, and process voice, data, and video — reliably, securely, sustainably, and efficiently.

Kontron Transportation is part of Kontron Group.



Company Overview

kontron
The Power of IoT



Kontron Transportation: Part of Kontron Group

Integrated in the Business Area Software + Solutions

Software & Solutions



Transport



Cyber Solutions



Aerospace & Defense

Smart IoT



Industrial



Telecom



ODM



North America



Asia

Key figures Kontron Group (2025)

- 6,500 employees
- 1,6 bn€ revenue
- 237 m€ EBITDA

Selection of Successes

2022

GSM-R for 2.000 kilometers for the Egypt High-Speed Rail Network in cooperation with Siemens Mobility



2022

15-years contract with La Société du Grand Paris for a private radio system for the metro line 18

2023

New GSM-R system for C.F.R. in cooperation with Thales GTS Romania

2024

Long-term support contracts with ÖBB, Irish Rail and Czech Správa Železnic

2024

Contract with Alstom Romania to provide our GSM-R technology and a dispatcher solution to the Romanian Railways (CFR)

2025

Major GSM-R long-term maintenance and obsolescence contract with SNCF France

2023

New turnkey GSM-R infrastructure for ETCS L2 for Slovakian Railways

2024

Extension of the existing GSM-R system of Czech Republic and installation of repeaters for mobile signals into the wagons of the Czech Railways

2024

Communications system for the Divača – Koper railway in Slovenia in cooperation with Slovenia's Kontron

2025

New GSM-R contract with Czech Railways to modernize rail communications on key cross-border routes

Key Figures at a Glance

Market



> 190
m€ revenue



> 166
Customers



> 28
Countries

Company



> 720
Employees



4
R&D sites



11
Sites

per legal consolidation 2025

Kontron Transportation Company Structure

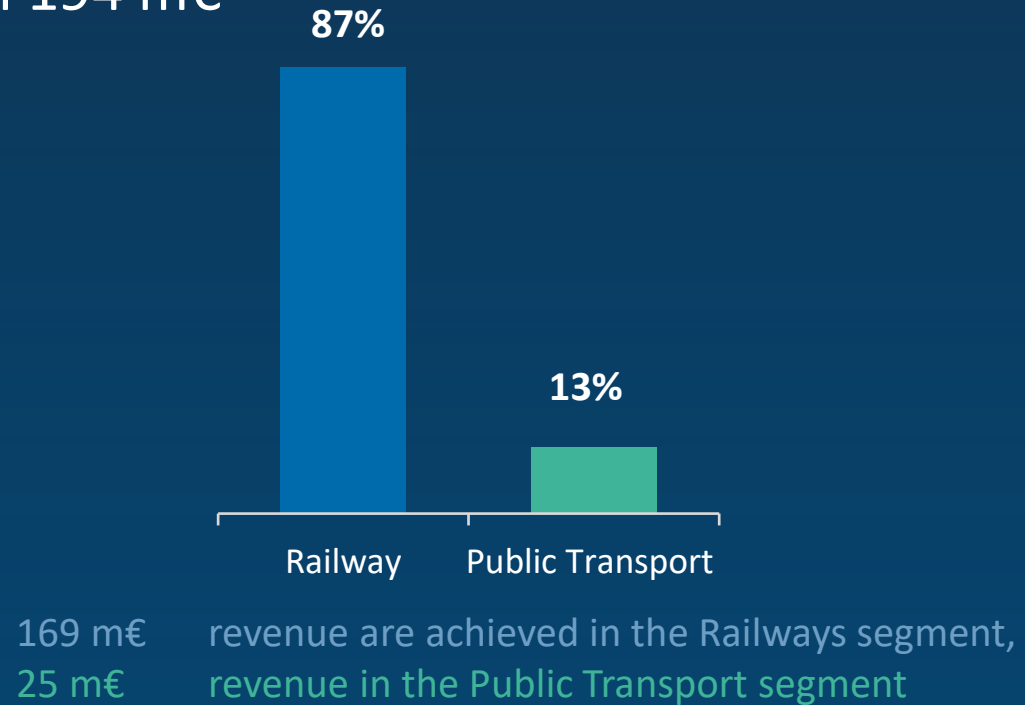
9 companies with focus on Railway,
2 with focus on Public Transport

Kontron Transportation GmbH Vienna (Headquarters)		
Kontron Transportation France S.A.S Paris	Kontron Transportation Schweiz AG Bern	Kontron Public Transport Arce Bilbao
Kontron Transportation Deutschland GmbH Immenstad	Kontron Transportation s.r.o Prague	Kontron Public Transportation Belgium NV Brussels
Kontron Transportation- Unipessoal Lda. Lisbon	Kontron Transportation Espana SLU Madrid	
Kontron Transportation UK Ltd London	Kontron Transportation Sp.z.o.o. Warsaw	



Global Market Overview

Revenues 2025:
total 194 m€



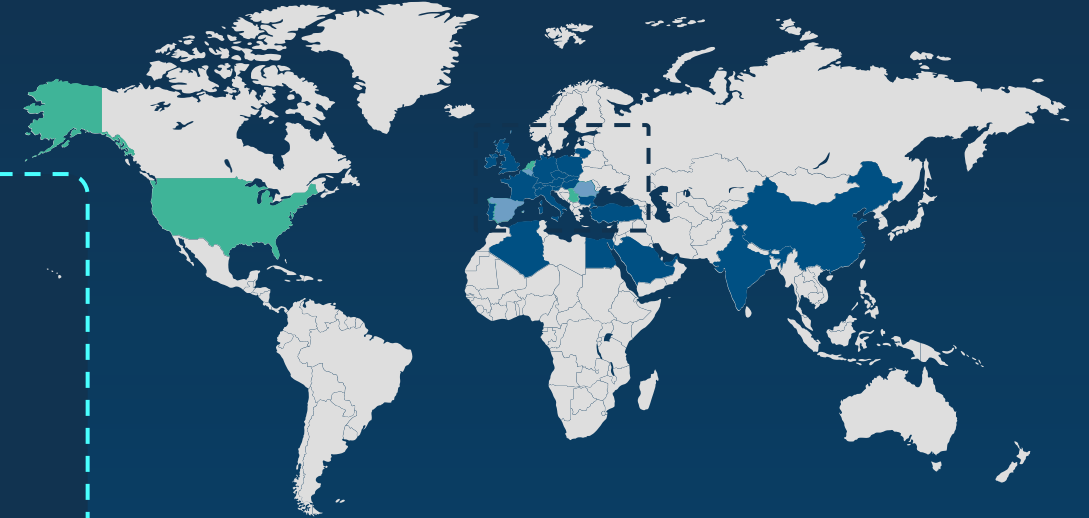
Core & additional markets



dark grey = core markets;
light grey = additional markets

Market Overview

95% of the total revenue is generated in Europe



Railways

Public Transport

Both markets

Corporate Social Responsibility



Environment

Sustainable product strategy

- › Member of Railsponsible,
- › UN Global Compact and
- › EcoVadis-rated



Employees

Common values, benefit programs and team activities

Empowering and encourage young talents to take expert and management positions



Diversity

- › Equal opportunity employer,
- › dedicated to fostering diversity and inclusion in workplace

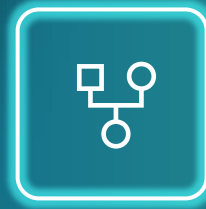
Our Market Focus: Mission-Critical Networks



Our Approach

Enable successful digital transformation for mission-critical infrastructure operators:

- › Railways
- › Public Transport

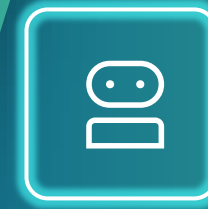


5G
MCx

Our Solutions

End-to-end solutions for mission-critical Networks

including GSM-R, 4G/5G private networks, MCx, FRMCS, NextGen dispatcher, cybersecurity solutions, transmission, DAS & Repeater solutions, ticketing solutions & fare collection

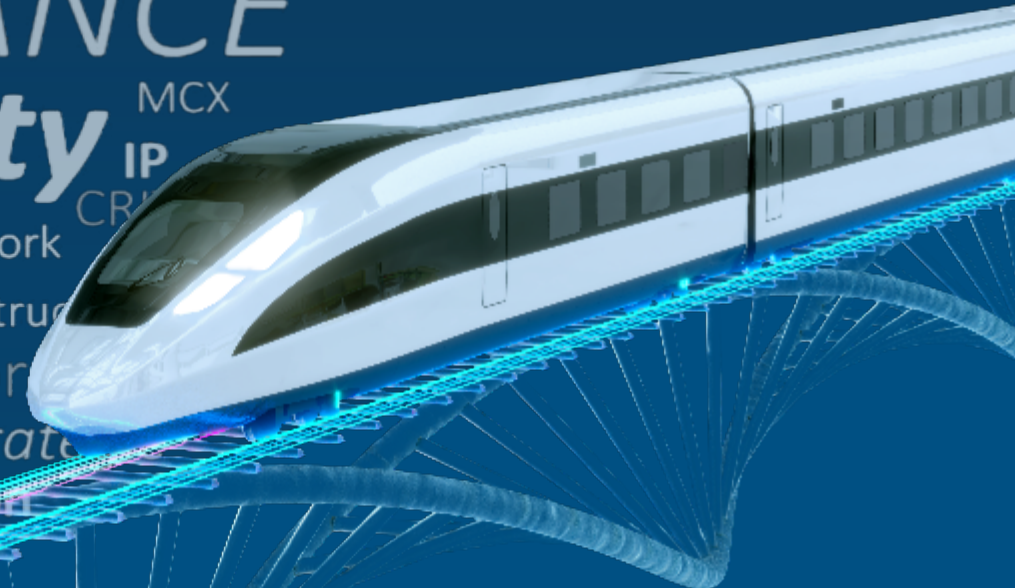


Our Competences

As a manufacturer and system integrator, we are combining technical trends with state-of-the-art technologies, expertise, service capabilities and sustainability

Our DNA

Dispatcher **FRMCS** Infrastructure
ACCESS **Digitalization** Core
Strategic MCX
FRMCS **Long Term Support** DAS & Repeater
CRITICAL
ACCESS **Cybersecurity** Infrastructure
Products Dispatcher
DAS & Repeater
STANDARDS COMPLIANCE
Robustness & Reliability MCX
IP
Analysis **Innovation** Network
Transmission Infrastructure
Mission Analysis Products **Interoperability** Core
Network **GSM-R** Strategic
Mission Critical Transmission
Modern



Our Range of Services



Plan

- › Customer solution advisory
- › Business planning
- › Network planning
- › Network & node engineering



Build

- › Project management
- › Site survey
- › Installation and commissioning
- › Inter-operability and multivendor testing
- › Functional acceptance
- › Network migration
- › Cybersecurity conformity
- › Certification



Maintain

- › Technical assistance
- › Emergency recovery
- › Software update
- › Repair & Return
- › Spare part management
- › Training
- › Obsolescence management



Operate

- › Network operation support
- › Performance analysis & statistics
- › Network optimisation

Market Segments



Our Customer Segments

Railways



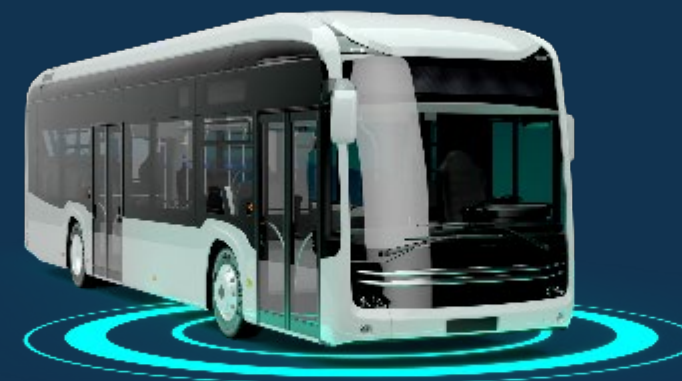
Railways

Leader in railway-dedicated networks

Supporting safe and efficient travel on 100,000 km of railway tracks

Numerous project successes as result of strong cooperation, committed experts and a forward-looking work approach

Public Transport



4G/5G

Expert in designing and building powerful networks

Fast deployment of mission-critical networks for small to medium coverage

Mobility & Ticketing

Expert in ticketing and fare collection systems

Fit-for-purpose ticketing hardware and account-based fare collection

Railway Segment at a Glance

Unified, feature-rich, and flexible communication ecosystem for Railways, from GSM-R to 4G, 5G and FRMCS

Safe and secure, innovative, best of breed solutions, Railway dedicated, end to end portfolio, Railway lifecycle support, standards based, future proof are our benefits

Seamless approach towards FRMCS by considering service continuity and installed infrastructure

Driving next generation architecture for mission-critical networks



Driver in FRMCS Definition & Major Contributor to Standardization and Research Projects



 FRMCS working groups Contributing to the FRMCS specification process (SuperGroup, FIS WG, ..)	 Coexistence GSM-R / FRMCS in 900MHz Hybrid FRMCS networks Multipath Tech.	finalized  5G Rail: FRMCSv1 sytem validation with focus on TOBA integration & testing	 5G Network Hybridization
 MCX technology in FRMCS testing Erzgebirge Test Track	 Europe's Rail JU Innovation Pillar (R2DATO) System Pillar, FRMCS Deployment Subgroup	 MORANE2 European FRMCSv2 testing & validation project	 ERA EECT Reviews Finalization of FRMCS V2 specifications
 Technical Committee Railway Communication (TC-RT) TS 103 765 -1..5 Transport, Service, OB, TS, UE TS 103 792 Interworking Function	 FRMCS / MCX Plugtests Multi-Vendor Testing & Validation	 Specification Working Groups Service & System Aspects (SA WG1 + WG6) RANx + CNx	finalized  ETCS-FRMCS compatibility Onboard FRMCS migration challenges Baseline 4 vs Baseline light vs Adapter solution

Building the bridge:

Preparing a smooth Transition with our Long-Term-Support Program

2027 - 2028

GSM-R

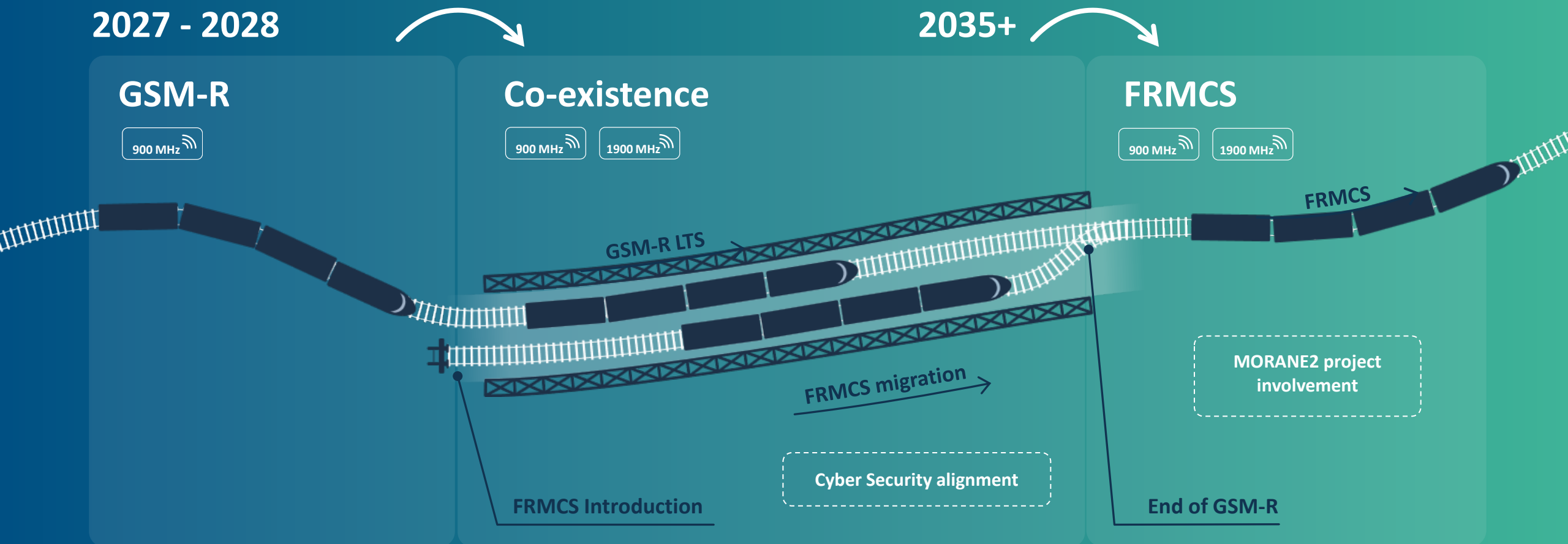


Co-existence



2035+

FRMCS



Kontron Transportation Railway Portfolio

GSM-R Evolution

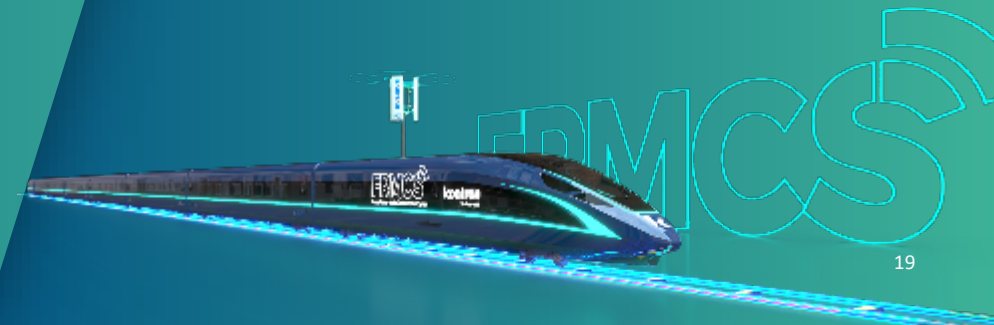
- › Transition to IP
- › Keep flexibility for custom features to address specific needs
- › Focus on interworking for smart technology transition
- › Evolve GSM-R product line and leverage new functionality

Long-Term-Support

- › Ensure support of our systems beyond 2035+
- › Prepare and plan for hardware obsolescence
- › Leverage virtualization
- › Become ready for refresh programs

NextGen

- › Focus on FRMCS readiness and advance our product portfolio
- › Introducing pre-FRMCS functions including 4G/5G solutions
- › Customer FRMCS trial/pilot projects
- › Enable smooth migrations



Kontron Transportation Right Partner for FRMCS

Communication Expertise

Our extensive understanding and expertise in end-to-end Railway communication solutions make FRMCS a success story

Railway Dedication

Technology building blocks designed & made for FRMCS and the Railway market and make capacities available in the existing 900 MHz spectrum

Migration & Coexistence

Deployed GSM-R product base combined with our FRMCS interworking solution – GSM-R support committed 2035+

End-to-End

End to end solutions with own products supplemented by trustful partner-products



Research and Development in our Railway Market

Safeguards our Success and Growth

In our segment of innovation, we invest in Research & Development and drive the evolution into the next generation of broadband solutions for mission-critical networks.



Next generation programs
4G, 5G and FRMCS
under execution



32 patents
over the past 5 years



5 Development centers

Vienna, AT:
Core, Applications, MCx

Bern, CH:
Signal Repeater

Paris/Montigny, FR:
Access, OAM, System
Verification, Central GPS

Sasken, IN
(Development partner):
Portfolio extension

Aveiro, PT:
OAM



> 20% of revenues
in innovation



24/7 support
globally available



Reference Examples

GSM-R



New turnkey GSM-R infrastructure for ETCS Level 2 on the line into the ŽSR network on the section Varín - Košice - Čierna nad Tisou - state border



Railway Radio Communication technology for the Egypt High Speed Rail

Long Term Support



Provide tailored maintenance solutions
Continued deployment of GSM-R and support of the operational railway until FRMCS is available



Deployment of GSM-R on the Iarnród Éireann- Irish Rail network and support of the operational railway until the replacement mobile communication system is available

FRMCS trial



Research collaboration with Digitale Schiene Deutschland on “Design and Evaluation of a FRMCS End2End System for Future Rail Operation”

Development of onboard FRMCS, TOBA and perform testing on ETCS and ATO in our labs and in field tests with SNCF

4G/5G



Kontron Transportation project line 18: 35 km metro line to be in service between 2024 and 2030



New state of the art communication system replacing 3500 GSM-R stationary telephones with MCx technology

KEY TAKEAWAYS

1

All-in-One:

We provide end-to-end communication solutions with our own innovative products, enhanced by trusted partner offerings. At the heart of our portfolio is MCx, continuously evolving with new features to meet the demands of FRMCS.

2

Building and guiding:

With over 25 years of experience in the GSM-R industry, we have the unparalleled technological expertise and deep industry insight to build the bridge and guide customers smoothly to FRMCS.

3

Driving:

We drive regulatory work, design future communication standards and lead the way in development and manufacturing.



Together with our engagement,
our forward looking attitude as well as
our commitment and enthusiasm for
what we do, we aim to reach the
highest level of customer satisfaction.



Contact

Name Surname

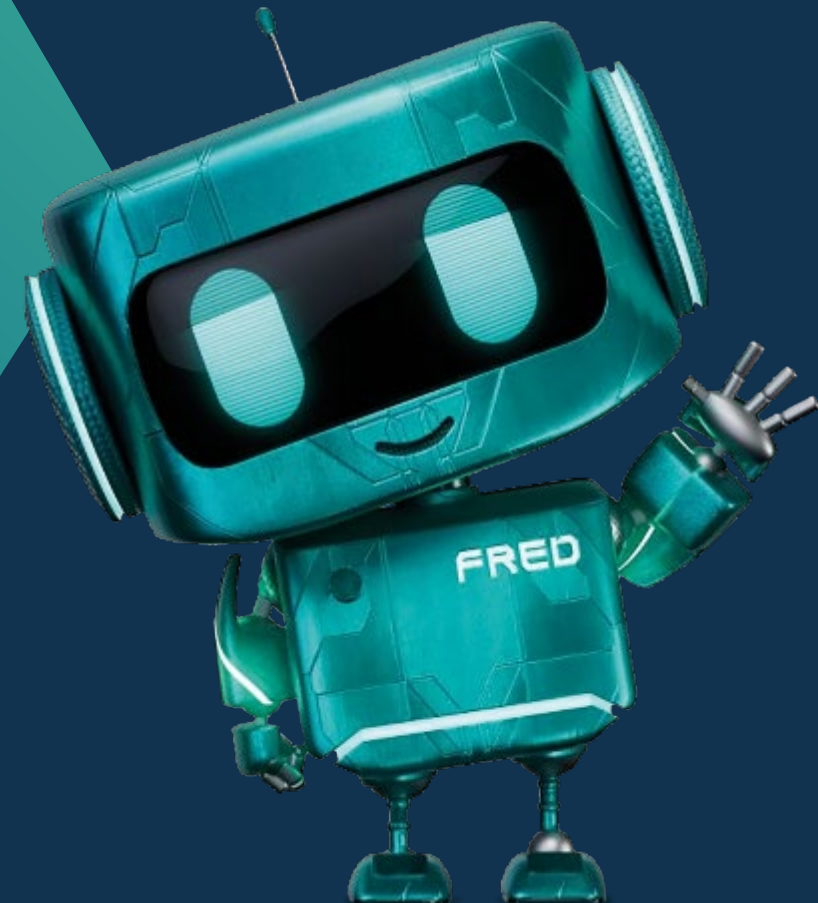
Job title

Email

Telephone



Thank you for your attention



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